



## Our September 17th Meeting will feature a presentation by Dave Smith, W6TE on “Echoes of Apollo”

Dave Smith, W6TE was one of the principals in the activation of the Stanford - SRI dish for the “Echoes of Apollo” celebration which marked the 40th anniversary of the 1969 US lunar landing. The event was conceived to activate many of the world’s largest commercial dishes to work EME (Earth-Moon-Earth) communications in a tribute to the efforts of 40 years ago. Dave will be sharing just what it took to make this possible; including the approvals, preparations, equipment and operations along with all of the DX that was worked. This should be a very informative and interesting presentation with lots of photos and more.

Please make sure you arrive early to get a good seat and have a great meal prior to the start of the presentation. As always, dinner begins at 6pm with the meeting at 7:30pm. This meeting will be held at Holder’s Country Inn. 998 S. De Anza Boulevard, San Jose, CA.

## President’s Message

By Craig Bradley, AE6RR

Hello Everyone,

As the days start to shorten and we approach the Autumn Equinox there is some hope that propagation may improve for the fall DX contests due to equal solar radiation on both the northern and southern hemispheres. There was an improvement during the spring followed by a spotless (sunspots that is) summer. The bottom of the cycle continues the stretch out. Some solar scientists are even muttering the dreaded “Maunder” word. For those that haven’t followed the history of the sun, the Maunder Minimum refers to a period from 1645 to 1715 when there were no more than a few dozen sunspots per year versus the “normal” thousands.

A recent study is showing that the magnetism of sun spots has been decreasing over the last 17 years and we could see the end of sunspots by 2015. Does that mean that we might get one more cycle before then? No one knows for sure, we only have the magnetism data going back 17 years. In fact most of our good solar data was only collected during the last few decades. Sci-

(Continues)

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The pattern of perfection continues...



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Club simplex: 147.54 MHz (suggested)  
Thurs. Net OTR: 8 pm local time.  
Net Manager: Don Anastasia, AA6W

W6TI DX Bulletins:

W6TI Station Trustee Bob Vallio, W6RGG, transmits DX information at 0200 UT every Monday (Sunday evening local time) on both 7.016 and 14.002 MHz.

Club address: NCDXC  
Box 608  
Menlo Park, CA  
94026-0608

The DXer is published monthly by the Northern California DX Club and sent to all club members via the web. Unless other wise noted, NCDXC permits re-use of any article in this publication provided the DXer, article's author and editor are credited.



Be sure to drop off your bureau cards to Doug, W6JD at our next meeting. The club will then send them all to the ARRL Outgoing QSL Bureau for free. Be sure to take advantage of this excellent FREE service to club members.

## President's Message (continues from pg. 1)

entists are trying to predict the future of a 4 billion year old object with a "blink" of data. See <http://space-weather.com/> for more information.

If this is true, maybe 40 meters will replace 20 as the primo DX band? With the foreign broadcast stations moving out, maybe it will...

On the other hand maybe 1296 EME is the way to go. During the Echoes of Apollo event it was fun to listen to stations holding SSB QSOs off of the Moon on a European web site. The feature speaker at our September meeting, Dave Smith, W6TE will be giving us the details on the event from the Stanford Big Dish side. I am looking forward to his talk with great interest.

In addition to Dave's talk and our normal meeting topics, we will be presenting a check to the Northern California DX Foundation. This was made possible mainly by all that bought raffle tickets at Visalia. We will also be getting a bit of "inside information" on upcoming DXpeditions that the NCDXF is sponsoring.

Remember that your dues are due, if you are not a life or honorary member and have not already paid, **please** send them in. You can find all of the information you need on the club web site and you can even pay via PayPal if you wish.

See you at the September meeting and BYOSP (Bring Your Own Sun Spots)!

For now, 73 and good DX!

- Craig, AE6RR

## Important Information!

**Dues are now due -  
Renew online today at [ncdxc.org](http://ncdxc.org)**

**Also, we need your help!  
We need a DXer editor for 2010.  
Will you please consider helping?  
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(For more info email - [phil@k6tt.com](mailto:phil@k6tt.com))



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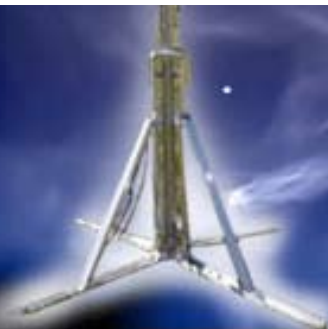
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## HAM RADIO IN SPACE: SWISSCUBE MAY LAUNCH SEPT 21

And the HB9AFO SwissCube web page reports that ham radio satellite may be launched on September 21st. SwissCube is one of four amateur radio satellites that will be launched from India on an PSL-VC14 booster. More information on this hamsat is on line at [tinyurl.com/SwissCube](http://tinyurl.com/SwissCube).

## RADIO LAW: NO MORE Q SUFFIX CALLS IN SOUTH AFRICA

South Africa's telecommunications regulator ICASA has confirmed that it has blocked the further issuance of any ham radio call with suffixes that are part of the Q codes and will also not issue a call with the suffix SOS.

Its reported that only a few South African hams and one club call sign are in the now unused Q-code group. When these call signs are no longer in use they will also be added to the blocked list. South African hams who have call signs with Q-code suffixes are being urged to apply for a call sign change. (SARL)

Just a few news stories thanks to the **Amateur Radio Newslines**. Be sure to visit them at [arnewsline.org](http://arnewsline.org).



Don't Miss the next

**Amateur Radio Technology Day**  
Saturday, Sept 12th - 8am - 9pm  
At the **SLAC** National Accelerator Laboratory

For more information visit:  
<http://www.fars.k6ya.org/amtechday>

**(October 10th will be the next event)**

## DX Information

CYPRUS, 5B. Andy, LZ2HM is QRV as 5B/LZ2HM until September 15. Activity is on the HF bands, including 6 and 2 meters. He will be active as C4I in the Worked All Europe SSB contest. QSL to home call.

MADAGASCAR, 5R. Daniel, DF8UO will be QRV as 5R8UO from September 12 to 20. Activity is on 40 to 10 meters using mainly CW. QSL to home call.

MALAWI, 7Q. Harry, G0JMU is QRV as 7Q7HB for about three months. He is active mainly using CW and digital modes. QSL direct via G0IAS.

MADEIRA ISLANDS, CT3. Matthias, DJ8OG is QRV as CT9/home call until September 15. Activity is on 80 to 10 meters. He will be active as CR3L in the Worked All Europe SSB contest. QSL CR3L via DJ6QT and all others to home call.

GLORIOSO ISLANDS, FR/G. A group of operators will soon be QRV as FT5GA until early October from Grand Glorieuse Island, IOTA AF-011. Activity will be on 160 to 10 meters using CW, SSB, RTTY and PSK31 with four stations active simultaneously. QSL via operators' instructions.

SCOTLAND, GM. Look for G3IZD, G7MRL and G0HIK to be QRV as GM3IZD, GM7MRL and GM0HIK, respectively, from the Isle of Islay, IOTA EU-008, from September 12 to 18. QSL to home calls.

REPUBLIC OF KOREA, HL. Mike, KE7WRJ is QRV as HL9QST for about two months. He is active on 40 to 10 meters using CW and SSB. QSL to home call.

MINAMI-TORISHIMA, JD1. Masa, JA6GXX is QRV as JD1BMM from Marcus Island, IOTA OC-073, until September 28. Activity is on all bands and modes. QSL to home call.

DODECANESE, SV5. Mort, G2JL is QRV as SV5/home call from Lipsi Island, IOTA EU-001, for the next three months. Activity is on all bands and modes, propagation permitting. QSL to home call.

WEST KIRIBATI, T30. Gerben, PG5M is QRV as T30GM and has been active on 17 meters around 0200z. QSL to home call.

CENTRAL KIRIBATI, T31. Craig, N3BQR is QRV as T31AA from Phoenix Island, IOTA OC-043, until September 25 while on a scientific mission. He is active mostly on 20 meters using SSB. QSL via operator's instructions.

*From the ARRL Sept 10th DX News & K6TT*



## CLUB MEETING THURSDAY SEPT 17th

6pm – 7:30pm Dinner/Social  
7:30pm Club Meeting

Featuring the presentation

### “Echoes of Apollo” by Dave Smith, W6TE

Our Meeting Location:

**Holder’s Country Inn  
998 South De Anza Blvd.,  
San Jose, CA 95129  
(408) 244-2798**

CHECK OUT THIS MONTH’S  
GRAND RAFFLE PRIZE!!!

1st Prize: YAESU VX-3R Ultra-Compact  
Dual-Band Transceiver w/ Wide Band Rcv.



There will be many other exciting raffle and  
door prizes, plan to bring extra cash ;)

## Upcoming Fall Speaker Meeting Schedule

Sept. 17 - Regular Club Meeting

Presentation - **Echoes of Apollo**, by **Dave Smith, W6TE** - Held at Holder’s Country Inn - 998 S De Anza Boulevard, San Jose, CA. Dinner 6pm / Meeting 7:30pm

Oct. 15 - Regular Club Meeting

Presentation - **Low-Tech DXpeditions (Madeira and Santo Porto Islands)** by **Bill Fontes, W6TEX** - Held at Holder’s Country Inn - 998 S De Anza Boulevard, San Jose, CA. Dinner 6pm / Meeting 7:30pm

Nov. 19 - Regular Club Meeting

Presentation - **Antenna Forum - Part 2**  
Featured presenters: **Kristen McIntyre, K6WX, Jim Brown, K9YC & Dean Straw, N6BV**, Moderator **Craig Bradley, AE6RR**  
Held at **Harry’s Hofbrau - 390 Saratoga Avenue, San Jose, CA**. Dinner 6pm / Meeting 7:30pm/

Dec. 12 - 2009 Holiday Luncheon

The holiday lunch will be held at **Michael’s Shoreline Restaurant, 2960 N. Shoreline Blvd. Mountain View. 94063. 650-962-1014**  
Begins at 11am.

Featured Presentation - **Midway Island 2009 - K4M** by **Kevin Rowett, K6TD & Tom Berson, ND2T**

\* **PLEASE** note there is a venue change for the **Nov. 19th and Jan. 21st** club meetings.



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